

Project Status: Complete

Section 2. PLANT SURVIVAL

Attach plan sheet indicating reference photos.

Identify specific problem areas (missing, stressed, damaged or dead plantings):

Estimated causes, and proposed/required remedial action:

ADDITIONAL COMMENTS: No problems at this time. Stream is highly vegetated with various thick grasses. Trees that were noted are black willow, sweetgum, and dogwood.

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

For the most part the stream is very stable at this time. There is some undercutting of the streambank noted in photo 9 due to high water flows or hillside runoff on the lower portion of the stream. As stated in the 2nd quarter report there is some severe hillside erosion above the silt fence away from the stream near STA 40. However, erosion has not altered the stream at this time. Repairs to the roadway embankment have not taken place. Erosion control measures are still continuing to be maintained to prevent sediment loss. NCDOT will continue to monitor this issue.

Date Inspected	Station Number	Station Number	Station Number	Station Number	Station Number
Structure Type	STA. 40				
Is water piping through or around structure?					
Head cut or down cut present?					
Bank or scour erosion present?	Hillside erosion above the silt fence.				
Other problems noted?					

NOTE: Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

Twin Oaks



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5
3rd Quarter – May 2005



Photo 6

Twin Oaks



Photo 7



Photo 8



Photo 9 (undercutting of streambank)